

RUCC0064.ST25.txt
SEQUENCE LISTING

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Frenkel, Chaim
Belanger, Faith

<120> PRODUCTION OF VANILLIN IN MICROBIAL CELLS

<130> RUCC-0064

<150> US 60/412,649

<151> 2002-10-23

<150> PCT/US2003/034011

<151> 2003-10-23

<160> 2

<170> PatentIn version 3.3

<210> 1

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<212> DNA

<213> Vanilla planifolia

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Gln Ile Gln Ala Gly Gly Pro Asp Ser Tyr Leu Thr Ala Glu Asp Leu
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65      70      75      80
Arg Ile Leu Arg Leu Leu Thr Ser Tyr Ser Ile Leu Asn Phe Thr Asp
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Thr Val Asp Gly Glu Gly Arg Thr Val Arg Ser Tyr Gly Ala Ala His
      100      105      110
Val Cys Lys Tyr Leu Thr Pro Asn Gln Asp Gly Val Ser Met Ala Pro
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Leu Val Leu Met Asn Thr Asp Lys Val Leu Met Glu Ser Trp Tyr His
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Gly Met Thr Ala Phe Glu Tyr His Gly Lys Asp Leu Arg Phe Asn Lys
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Ile Leu Glu Arg Tyr Lys Arg Phe Glu Asp Val Asn Val Leu Ile Asp
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